

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
3,4-Dichloroisocoumarin – serine protease inhibitor

Product Number: **D7910**
CAS Number: 51050-59-0

Formula: C₉H₄Cl₂O₂
Formula Weight: 215 AMU

TEST	Specification
------	---------------

Appearance (Form)	Powder
Appearance (Colour)	White to White w/ Yellow Cast
Solubility (Solvent)	Ethylacetate
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Faint Yellow
Elemental Anal. (%C anhydrous)	49.77 - 50.77 %
Elemental Anal. (%Cl anhydrous)	31.98 - 33.98 %
NMR (Solvent)	DMSO-d ₆
Identity by NMR	Consistent
Purity (TLC)	≥ 98.00 %
Recommended Retest Period	-----
3 Years	

Specification: PRE.0.ZQ5.1000002811

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.